

# Fast Flux Test Facility (FFTF) Project (RL-0042)

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***FFTF's work crew removing Polychlorinated Biphenyl (PCB) Transformer X-11***

## Overview

This section addresses work in Project Baseline Summary (PBS) RL-0042, *Nuclear Facility Deactivation and Decommissioning, Fast Flux Test Facility Project (FFTF)*.

NOTE: Unless otherwise noted, all information contained herein is as of the end of September 2008.

## Top FY 2008 Accomplishments

- **Nuclear Fuel Removal** – Removed the last nuclear fuel from FFTF with the completion of 11 Fuel Shipments to the Idaho National Laboratory (INL). This was achieved one month earlier than planned.
- **IEM Cell Lay-up** – Completed lay-up of Interim Examination and Maintenance (IEM) Cell on July 23, 2008, two months ahead of schedule.
- **PCB Transformers Removal** – Removed five polychlorinated biphenyl (PCB ) transformers. Shipped the transformers and approximately 2,250 gallons of PCB coolant offsite.
- **Radioactive Liquid Waste Disposition** – Deactivated the FFTF liquid radioactive waste system and transferred approximately 4,200 gallons of liquid low level radioactive waste (water) to the Liquid Effluent Receiving Facility.
- **Facilities/Spare Parts Disposition** – Completed disposition of spare parts and vacated five warehouses in the 400 area.

## Notable September Accomplishments

- Vacated 4732-A Warehouse.
- Shipped PCB Transformer X-11 offsite.

## FY 2008 Funds vs. Actuals (\$M)

	September 2008 Actual Funding	FY 2008 Actual Costs	Variance
FFTF Project	\$ 22.3	\$ 21.3	\$ 1.1

## Schedule/Cost Performance (\$M)

FFTF Project	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance \$	Schedule Variance %	Cost Variance \$	Cost Variance %	Budget At Completion (FY08/ CTD)
Current Period (Month)	\$2.2	\$1.8	\$2.2	-\$0.4	-17.0%	-\$0.4	-22.9%	\$19.4
Cumulative-to-Date (FY 2004-Present)	\$168.4	\$166.9	\$164.6	-\$1.5	-0.9%	\$2.3	1.4%	\$168.4

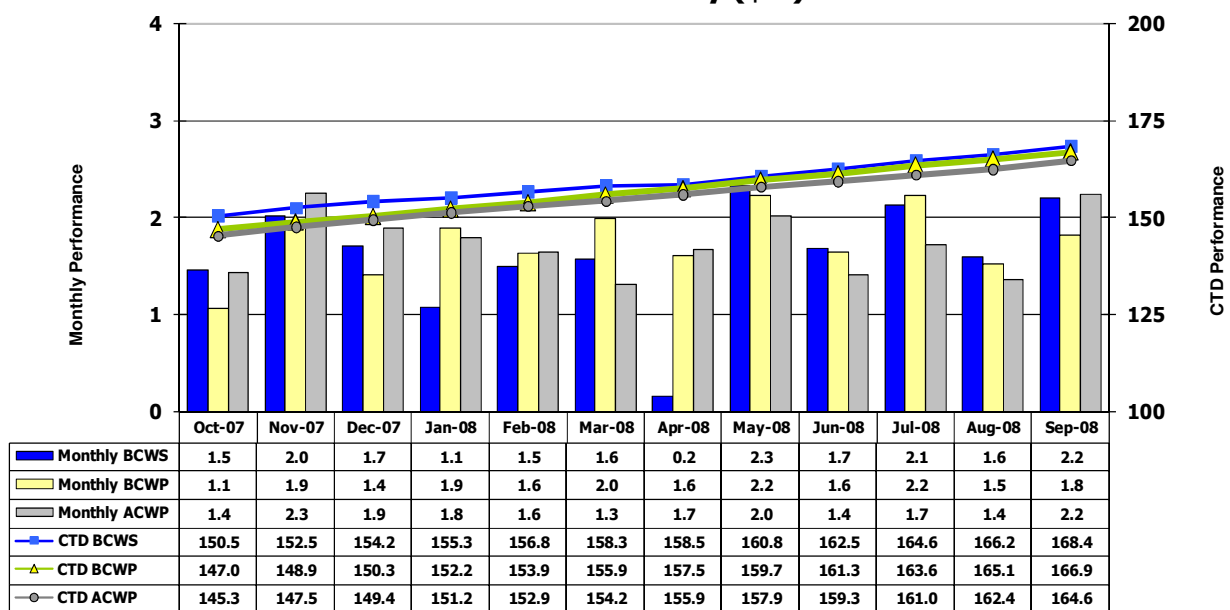
Numbers are rounded to the nearest \$0.1M.

## Schedule/Cost Performance (\$M), continued

**CTD Schedule Performance (-\$1.5M/-0.9%):** Cumulative-to-Date negative schedule variance is primarily due to system shutdown delays which resulted from the utilization of resources to address fire protection system alternatives for Surveillance and Maintenance (S&M).

**CTD Cost Performance (+\$2.3M/+1.4%):** The positive cost variance is primarily due to the efficiencies in S&M (+\$2.6M), and in Disposition of FFTF Sodium (+\$1.8M), and the savings in company General and Administrative (G&A) costs (+\$2.9M). This was offset by the cost overruns in transition activities, which include fuel offload and sodium drain (-\$5.0M).

### Performance Analysis CTD and Monthly (\$M)



## Milestone Achievement

*Hanford Federal Facility Agreement and Consent Order* (Tri-Party Agreement) milestones represent significant events in project execution. DOE Enforceable Agreement milestones were established to provide high-level visibility to critical deliverables and specific status on the accomplishment of these key events. The FY 2008 Enforceable Agreement milestone information provided herein is based upon the current baseline including RL-approved changes. Changes from month-to-month in both the total number of milestones to be completed and in the forecast status of upcoming milestones are the result of Baseline Change Requests (BCRs) approved during the reporting period.

Number	Title	Type	Due Date	Actual Date	Forecast Date	Status / Comments
N/A	None due in FY 2008					